

## CLAIMS

1. A cloth holding device including a support frame (11) made of magnetic material and a presser frame (12), clamping a workpiece cloth therebetween, the cloth holding device  
5 comprising:

an attachment unit (13, 14) provided on the presser frame (12) and pressing the presser frame (12) against the support frame (11) by a magnetic attraction exerted between the support frame (11) and the presser frame (12);

10 a positioning unit (12c) that positions the attachment unit (13, 14) to the presser frame (12);

characterized in that the attachment unit (13, 14) is detachable from a presser frame (12) surface opposite a surface pressing the workpiece cloth (W).

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2. The cloth holding device according to claim 1, wherein the positioning unit is characterized in having an engagement hole (12c) defined thereto for an engagement of the attachment unit (13, 14) therewith.

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3. A cloth holding device including a support frame (31, 51) made of magnetic material and a presser frame (32, 52), clamping a workpiece cloth therebetween, the cloth holding device comprising:

25 an attachment unit (33, 34, 53, 54) provided in the presser frame (32, 52) and movable between an attached position proximate the support frame (31, 51) and a detached position spaced from the support frame (31, 51);

a switch unit (33, 35) that switches the attachment unit (33, 34, 53 and 54) between the attached position and the detached position;

characterized in that the attachment unit (33, 34, 53 and 54) when in the attached position presses the presser frame (32, 52) against the support frame (31, 51) by a magnetic attraction exerted between the support frame (31, 51) and the presser frame (32, 52).

4. The cloth holding device according to claim 3, characterized in that the support frame has a support surface supporting the workpiece cloth (W) and the switch unit (35) has a guide portion (32c) provided in the presser frame and movably guiding the attachment unit in a direction perpendicular to the support surface and an operating portion (34b) provided in the attachment unit switching the attachment unit between the attached position and the detached position by a pushing/pulling operation.

5. The cloth holding device according to claim 3, characterized in that the switch unit (55) further comprises a lever member (61) having a lengthwise mid-portion thereof supported rotatably by the presser frame and having one end connected to the attachment unit, and a pair of operating portions (61a, 61b) provided on both ends of the lever member (61), a pressing operation of which effects rotation of the lever member (61) to switch the attachment unit between the attached position and the detached position.

6. The cloth holding device according to claim 1,  
characterized in that the attachment unit  
(13,14,23,24,33,34,43,44,53,54) further comprises a plurality  
5 of magnets (13, 23, 33, 43, 53) and a plurality of magnet holding  
members (14,24,34,44,54) that hold the plurality of magnets (13,  
23, 33, 43, 53), wherein the presser frame is pressed against  
the support frame by the magnet holding members (14,24,34,44,54)  
when the magnets (13,23,33,43,53) are attached to the support  
10 frame.

7. The cloth holding device according to claim 3,  
characterized in that the attachment unit  
(13,14,23,24,33,34,43,44,53,54) further comprises a plurality  
15 of magnets (13, 23, 33, 43, 53) and a plurality of magnet holding  
members (14,24,34,44,54) that hold the plurality of magnets (13,  
23, 33, 43, 53), wherein the presser frame is pressed against  
the support frame by the magnet holding members (14,24,34,44,54)  
when the magnets (13,23,33,43,53) are attached to the support  
20 frame.

8. The cloth holding device according to claim 1,  
characterized in that at least either of confronting portions  
of the support frame (71,73,75) or the presser frame (70,72,74)  
25 is provided with anti-slip portions (71a,72a,74a,75a).

9. The cloth holding device according to claim 3  
characterized in that at least either of confronting portions

of the support frame (71,73,75) or the presser frame (70,72,74) is provided with anti-slip portions (71a, 72a,74a,75a).

10. The cloth holding device according to claim 6,  
5 characterized in that the magnet holding member is made of a magnetic material.

11. The cloth holding device according to claim 7  
10 characterized in that the magnet holding member is made of a magnetic material.

12. A cloth holding device including a plate-form or a frame-form support member (21) made of magnetic material and a presser frame (22), clamping a workpiece cloth (W) therebetween,  
15 the cloth holding device comprising:

an attachment unit (23, 34) provided on the support member (21) and pressing the presser frame (22) against the support member (21) by a magnetic attraction exerted between the support member (21) and the presser frame (22);

20 a positioning unit (21c) that positions the attachment unit (23, 24) to the support member (21);

characterized in that the attachment unit (23, 24) is detachable from a support member (21) surface opposite a surface pressing the workpiece cloth (W).

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13. A cloth holding device including a plate-form or a frame-form support member (41) made of magnetic material and a presser frame (42), clamping a workpiece cloth (W) therebetween,

the cloth holding device comprising:

an attachment unit (43, 44) provided in the support member (41) and movable between an attached position proximate the presser frame (42) and a detached position spaced from the support  
5 frame (41);

a switch unit (45) that switches a position of the attachment unit (43, 44) between the attached position and the detached position;

characterized in that the attachment unit (43, 44) when in  
10 the attached position presses the support member (41) against the presser frame (42) by a magnetic attraction exerted between the support member (41) and the presser frame (42).